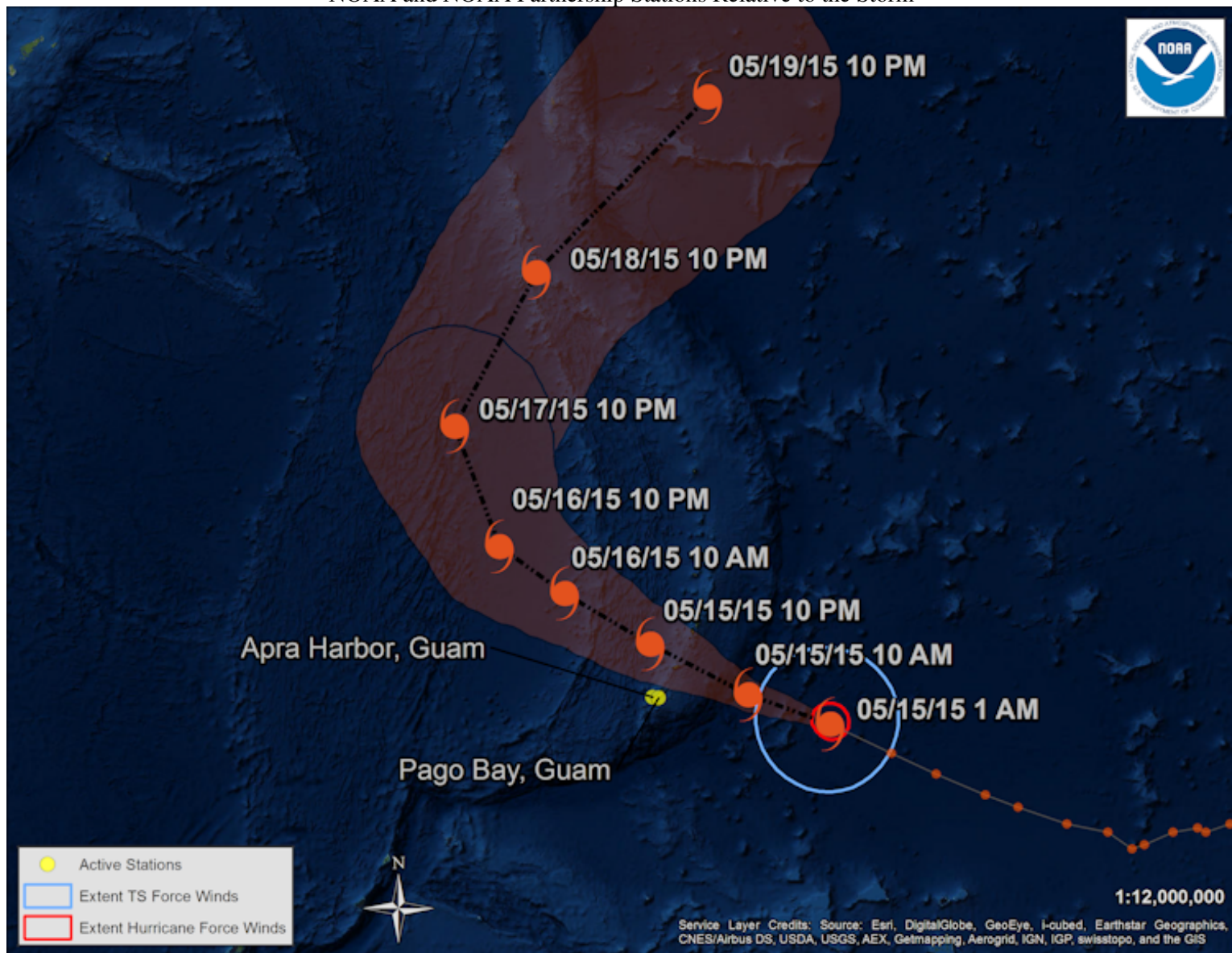




Typhoon DOLPHIN QuickLook  
Posted: 02:00 ChST 05/15/2015

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 5/15/15 2:00 ChST, water levels on the island of Guam continue to be elevated. Water levels at Pago Bay measure about 1.2 feet above normal tide levels and water levels at Apra Harbor are presently about 0.4 feet above tidal predictions. Winds at Apra Harbor are increasing to approximately 20 knots with slightly higher gusts. Winds at Pago Bay remain weaker, between 0-5 knots. Barometric pressure continues to steadily decrease.

Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/15/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:TKM

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SELECT NATIONAL WEATHER SERVICE WFO GUAM ADVISORY INFORMATION:

BULLETIN

TYPHOON DOLPHIN (07W) ADVISORY NUMBER 32

NATIONAL WEATHER SERVICE TIYAN GU WP072015

200 AM CHST FRI MAY 15 2015

...TYPHOON DOLPHIN RESUMING INTENSIFICATION...

WATCHES AND WARNINGS

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A TYPHOON WARNING IS NOW IN EFFECT FOR TINIAN AND SAIPAN. TYPHOON CONDITIONS...INCLUDING WINDS OF 74 MPH OR MORE...ARE POSSIBLE WITHIN 24 HOURS.

A TYPHOON WARNING REMAINS IN EFFECT FOR GUAM AND ROTA. TYPHOON CONDITIONS...INCLUDING WINDS OF 74 MPH OR MORE...ARE EXPECTED WITHIN 24 HOURS.

SUMMARY OF 100 AM CHST...1500 UTC...INFORMATION

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MAXIMUM SUSTAINED WINDS...110 MPH

PRESENT MOVEMENT...WEST-NORTHWEST...290 DEGREES AT 18 MPH.

DISCUSSION AND OUTLOOK

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AT 100 AM CHST...1500 UTC...THE CENTER OF TYPHOON DOLPHIN WAS LOCATED NEAR LATITUDE 12.8 NORTH AND LONGITUDE 149.0 EAST. DOLPHIN CONTINUES TO MOVE WEST-NORTHWEST AT 18 MPH. TYPHOON DOLPHIN IS EXPECTED TO TURN TOWARD THE NORTHWEST TODAY AND TONIGHT WITH A SLIGHT DECREASE IN FORWARD SPEED. THE CURRENT TRACK SENDS DOLPHIN THROUGH THE MARIANA ISLANDS JUST NORTH OF ROTA THIS AFTERNOON AND EVENING.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO 110 MPH. TYPHOON DOLPHIN IS EXPECTED TO CONTINUE INTENSIFYING THE NEXT COUPLE OF DAYS. TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 150 MILES ALONG THE NORTHERN SEMICIRCLE...AND UP TO 110 MILES ELSEWHERE. THESE WIND RADII ARE SLIGHTLY DIFFERENT FROM THE JTWC ESTIMATES BASED ON LATEST SATELLITE IMAGERY.

NEXT ADVISORY

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AN INTERMEDIATE ADVISORY WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 500 AM THIS MORNING...FOLLOWED BY THE NEXT SCHEDULED ADVISORY AT 800 AM LATER THIS MORNING.

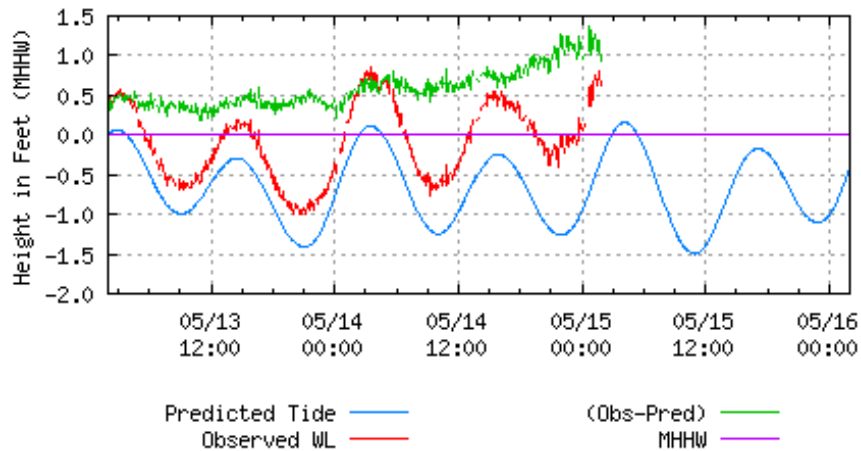
W. AYDLETT

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

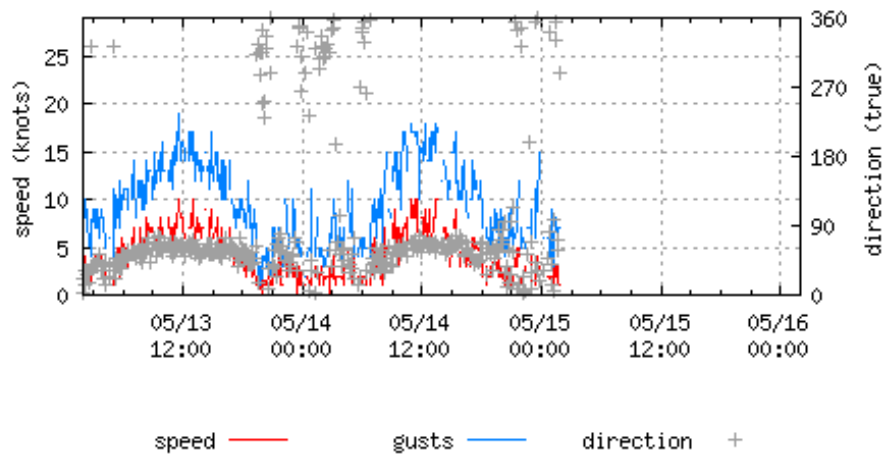
Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/15/2015

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



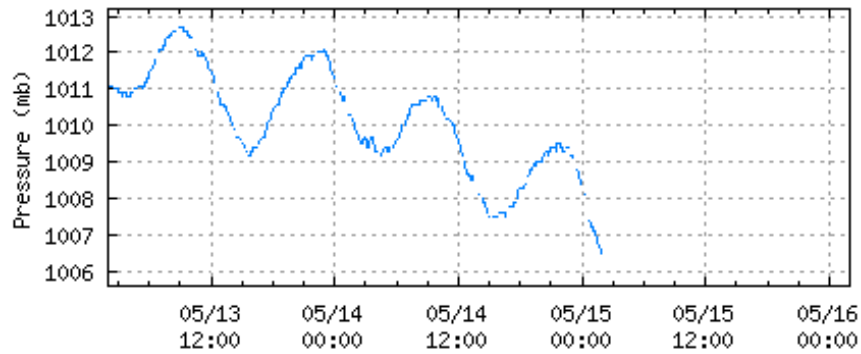
Last Observed Sample: 05/15/2015 01:48 (ChST). Data relative to MHHW  
Observed: 0.62 ft. Predicted: -0.32 ft. Residual: 0.94 ft.  
Historical Maximum Water Level: Oct 20 2004, 2.40 ft.  
Next High Tide: 05/15/2015 04:09 (ChST), 0.16 ft.

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam  
Wind Speed / Gusts / Direction



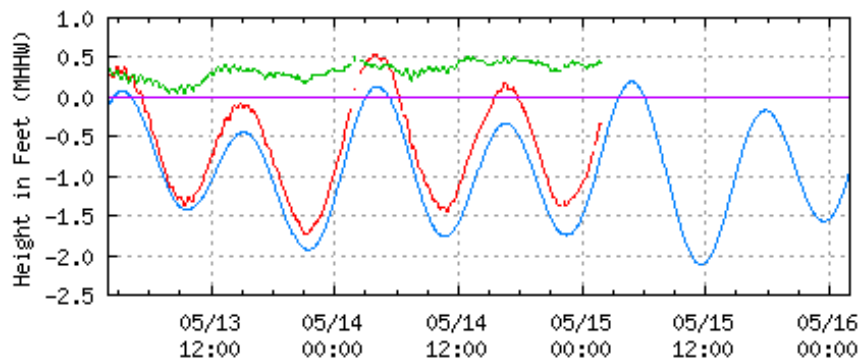
Last Observed Sample: 05/15/2015 01:48 (ChST)  
Wind Speed: 1 knots Gusts: 7 knots Direction: 289° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 05/15/2015 01:48 (ChST)  
Barometric Pressure: 1006.5 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



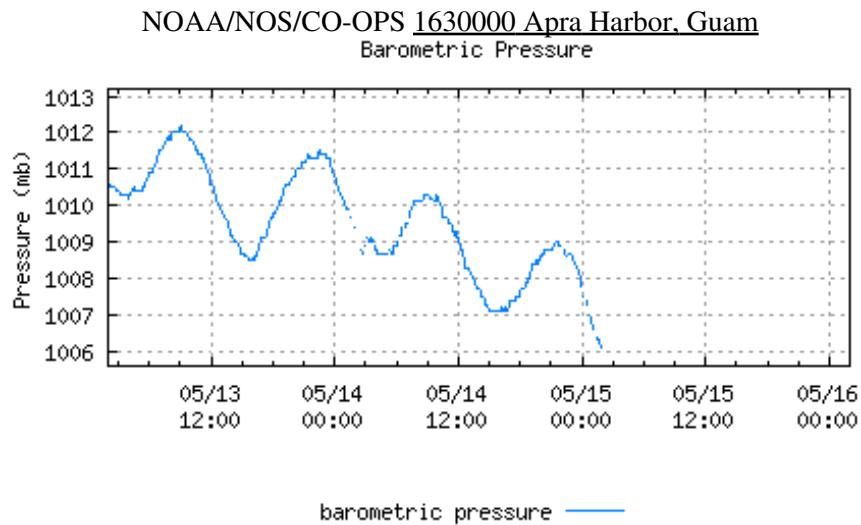
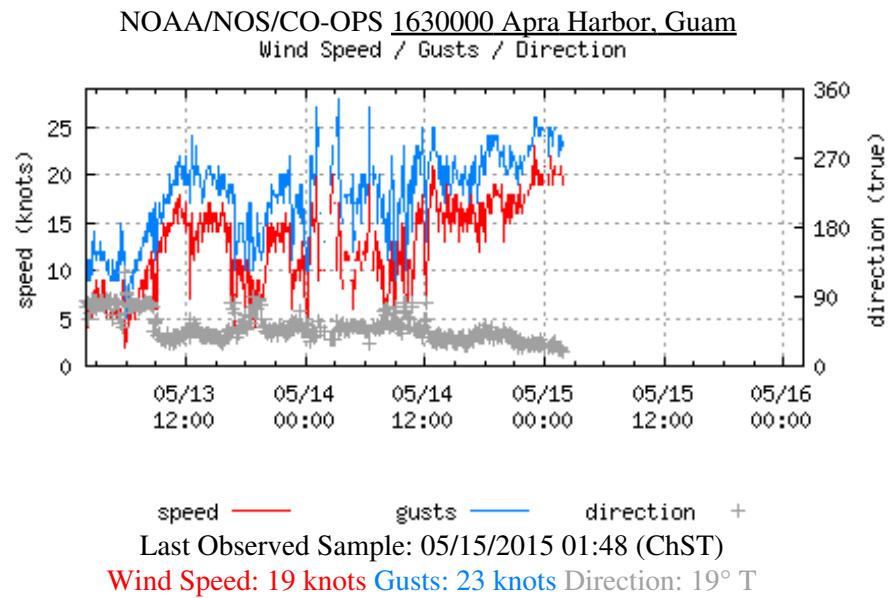
Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 05/15/2015 01:48 (ChST). Data relative to MHHW

Observed: -0.33 ft. Predicted: -0.76 ft. Residual: 0.43 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 05/15/2015 04:51 (ChST), 0.19 ft.



Last Observed Sample: 05/15/2015 01:48 (ChST)  
Barometric Pressure: 1006.1 mb

Typhoon DOLPHIN QuickLook, POSTED 02:00 ChST 05/15/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	05/15/2015 01:48 (ChST)	0.62 ft	-0.32 ft	0.94 ft	0.86 ft
1630000	Apra Harbor, Guam	05/15/2015 01:48 (ChST)	-0.33 ft	-0.76 ft	0.43 ft	0.53 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce